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CIA-RDP86-00513R000721810018-3

ED. 144, U.S.A.

factors determining the mass propagation of Hadena sordida Bkh. in
the Kazakh S.S.R. Trudy Inst.zool. All Kazakh.SSR 11:85-95 '60.

(MIRA 13:11)

(Kazakhstan--Cutworms)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810018-3"

KHARIN, S.F., aspirant

Experimental investigation of the kinematics of an antifriction bearing rotating on an eccentric with variable angular speed. Izv. vys.ucheb.zav.; mashinostr. no.7:31-35 '64.

1. Chelyabinskij politekhnicheskij institut.

(MIRA 17:10)

KIM, Ye.I.; OMEL'CHENKO, V.T.; KHARIN, S.N.

Solution of the equation of heat conductivity with a discontinued coefficient and its application to the problem of electric contacts. Inzh.-fiz. zhur. 8 no.6:761-767 Je '65. (MIRA 18:7)

1. Politekhnicheskiy institut imeni Lenina, Khar'kov.

KHARIN, S.N.

Heat conductivity problems with a mobile bound. Izv. AN Kazakh.
SSR. Ser. fiz.-mat. nauk 3 no. 3:52-60 S-D '65.
(MIRA 18:12)

KHAKIN, S. Ye., and DULMANSKIY, A. V.

"Method of Determination of Colloidal Substances in Infused Sap in Sugar Production," Zh. Sakharn. Prom., 5, 135, 1931.

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CIA-RDP86-00513R000721810018-3

KHARIN, S. Ye., and DUMANSKIY, A. V.

"Effect of the Temperature in obtaining Diffused Sap on the Amount of colloids in it," Zh. Sakharn. Prom., 5, 494, 1931.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810018-3"

KHARIN, S. Ye., DUMANSKIY, A. V., and AGEYEV, L. M.

"Coll&ids of Diffused Sap," Zh. Salharn. Prom., 5, 591, 1931.

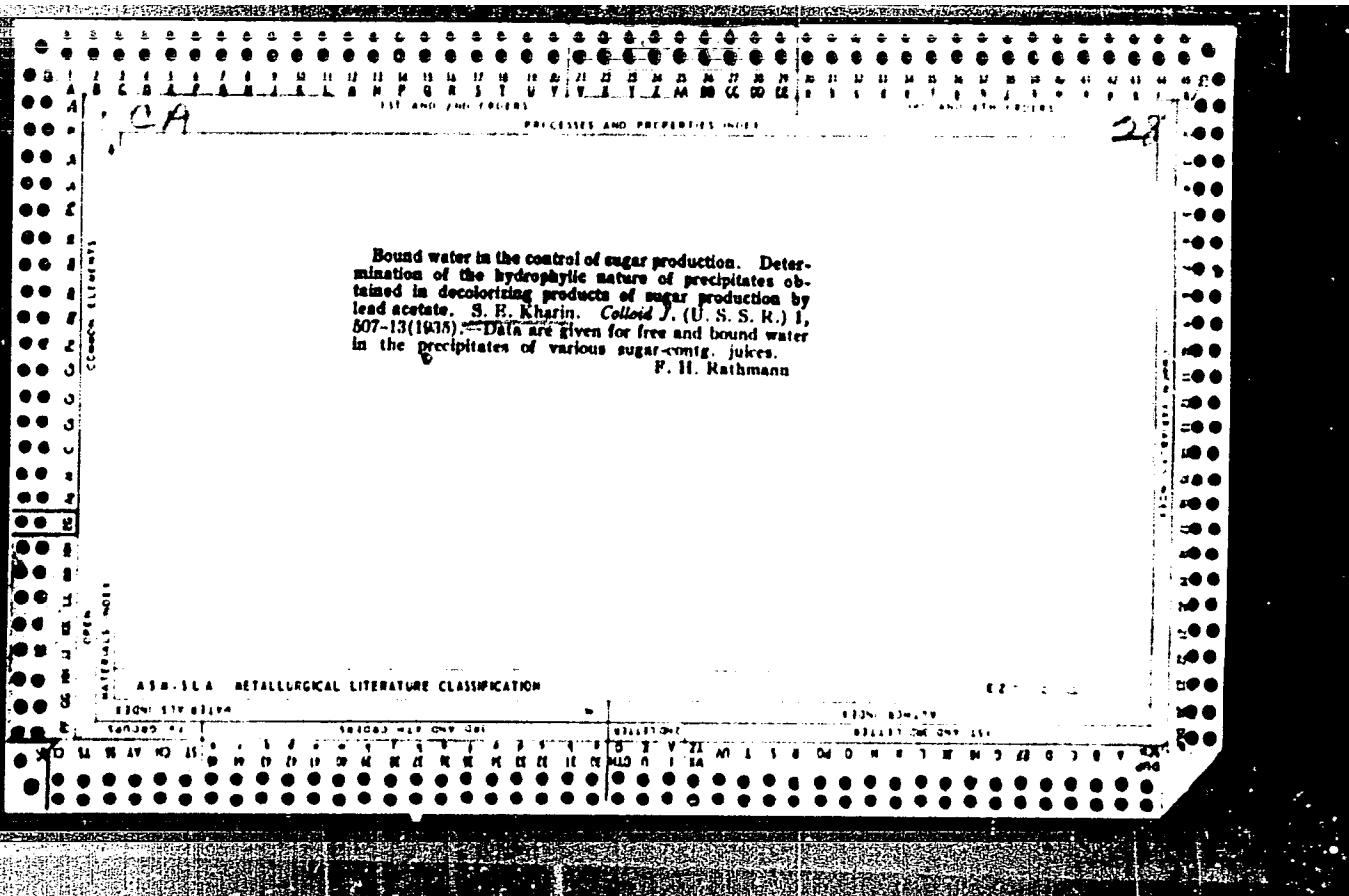
The influence of temperature of diffusion upon colloids in diffusion juice. A. V. DUMANSKII AND S. E. KHAMIN. Zhurnal Sakharnoi Prom. 5, 494-7(1932).—The amt. of colloidal substances in diffusion juice depends upon the temp. of diffusion. In diffusion juice of fresh beets the min. amt. of colloids was obtained at 60° and for juice of dried beets at 70°. With temp. higher than 70° for dry beets, the amt. of N in colloids increases. The N in pptd. colloids from diffusion juice of fresh beets is 14-24 times higher than in the juice of dry beets.

V. E. BAIKOW

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

KHARIN, S. Ye., DUMANSKIY, A. V., and SILAEVAIND, Ie. Ie.,

"Formation of colloidal particles in the process of sugar production," Izv.
Gos. n-ta, noll khim, vyp. 1, 64, 1934.



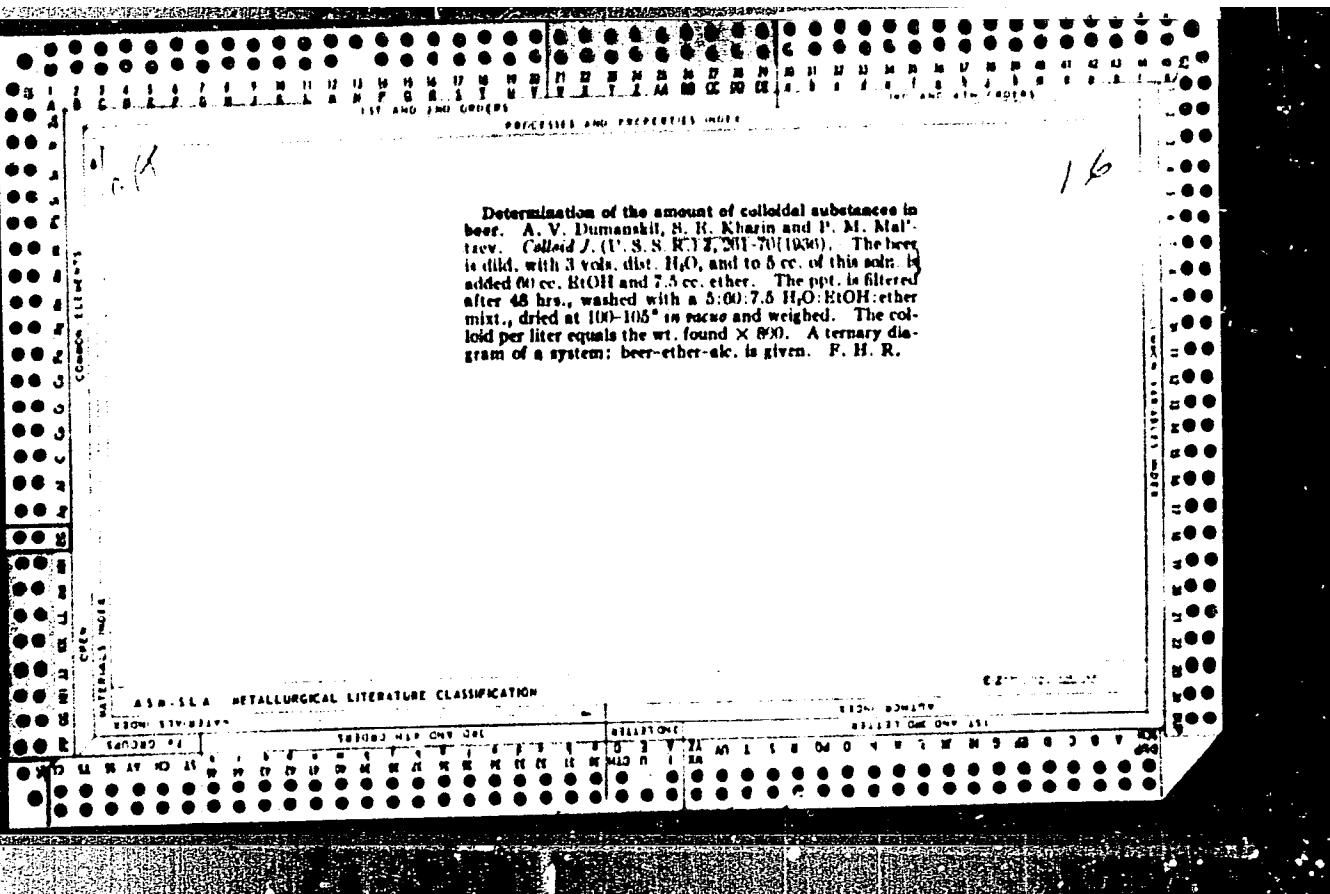
78
CH

Determination of the amount of colloids in sugar products. S. B. Kharin and L. G. Smirnova. *Trudy Zavodskikh Chuproveritk Lab. Sakharnikh Zavodov No. 2, № 10(1935)*.—The colloids are ppptd. from 5 cc. of molasses dild. to 6.0 Brix by 8 cc. of ether and 45 cc. of alc. after boiling 3 min. Carbonation juice for the same purpose need be dild. only to 10.0 Brix. V. E. Baikow

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

Determination of the particle size of the coloring substances in products of sugar manufacture by means of diffusion. A. V. Duman'skii and S. R. Kharin. Trudai Zarodistikh Gruppovikh Lab. Sukkernikh Zavodov No. 2, 199, 288(1935).—The radius of each coloring particle varies between 0.35 and 0.6 m μ . A procedure of diffusion and a method of calcen. are given. V. B. Baikow

ASIN-SEA METALLURGICAL LITERATURE CLASSIFICATION



CA

28

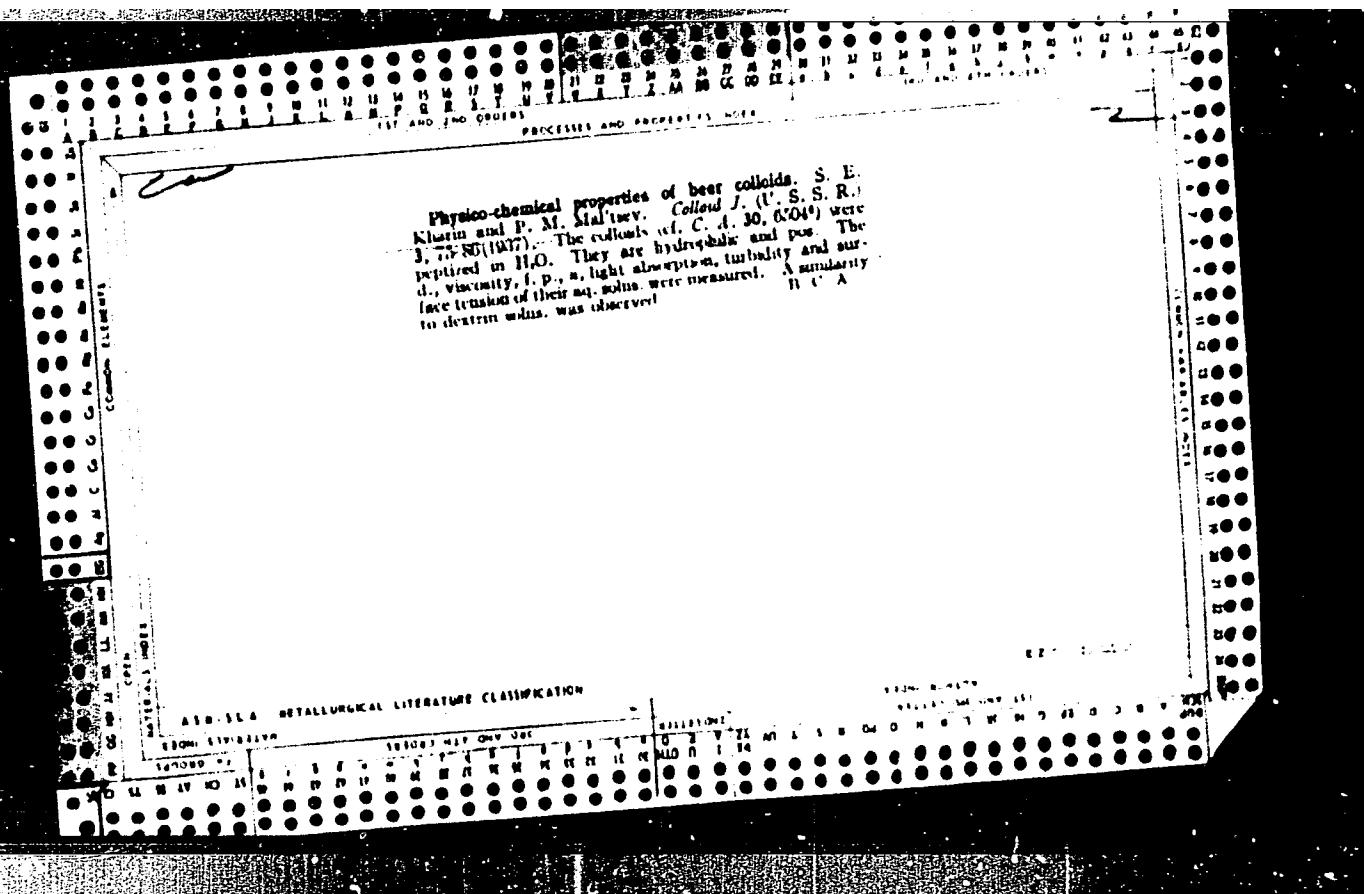
Physicochemical properties of the colloids of the sugar
industry. S. E. Kharin, R. P. Simonova and L. G.
Smirnova. *Colloid J.* (U. S. S. R.) 2, 315-20 (1938).
Data are given on the swelling of the colloidal particles,
the d. of the bound water (up to 2.7), the η and surface
tensions of various sugars-sug. juices. F. H. R.

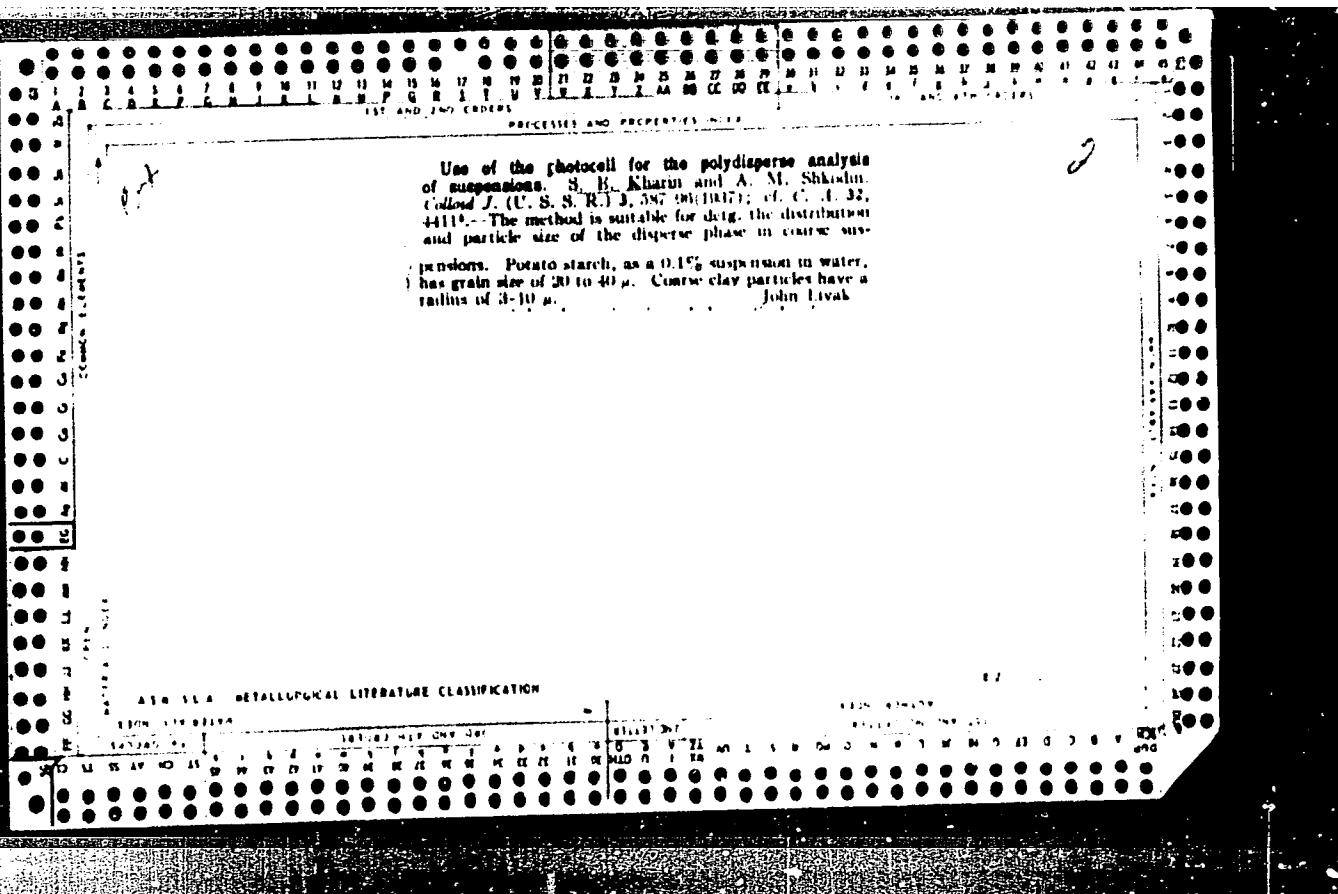
ASA SLA METALLURGICAL LITERATURE CLASSIFICATION

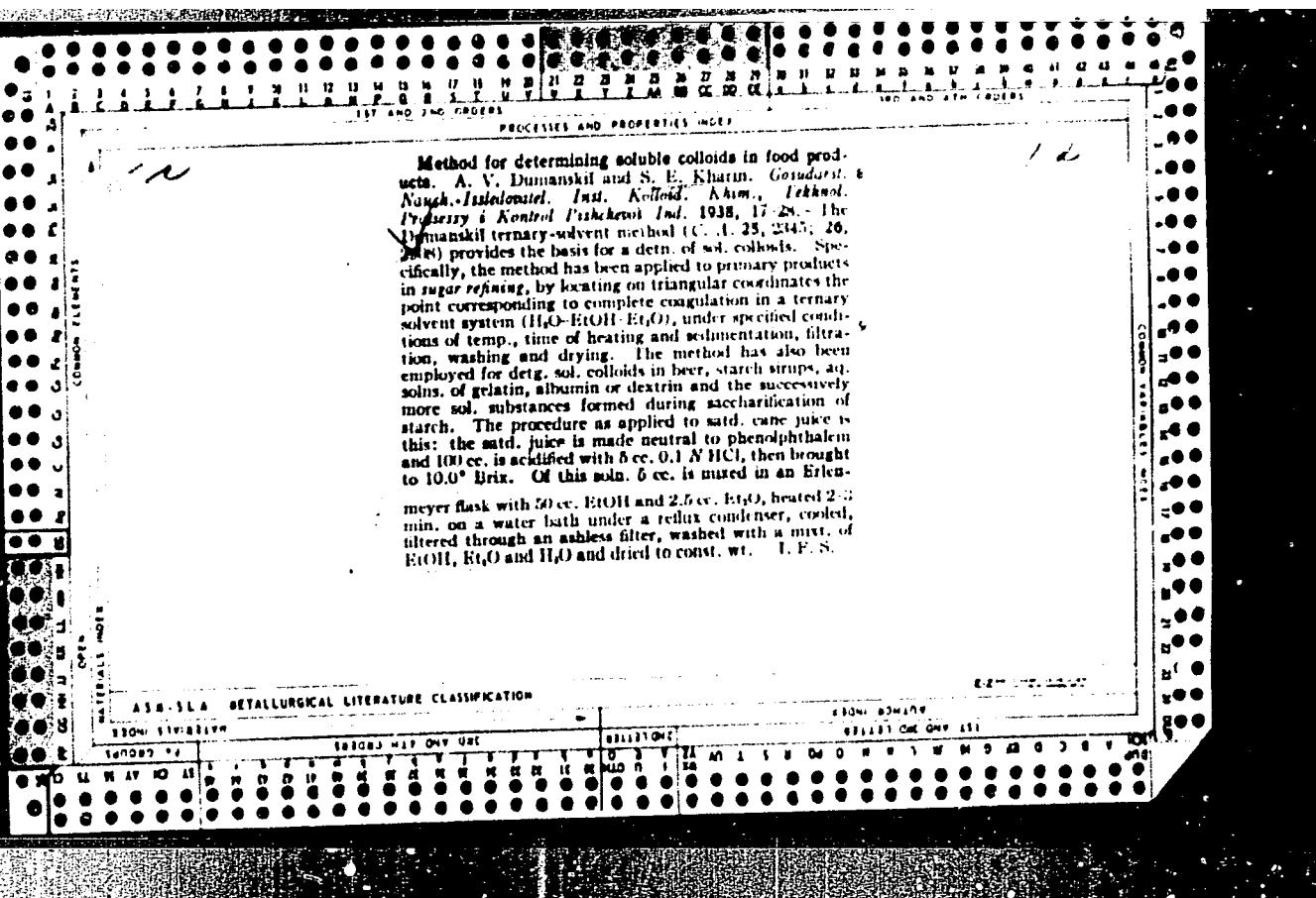
ca

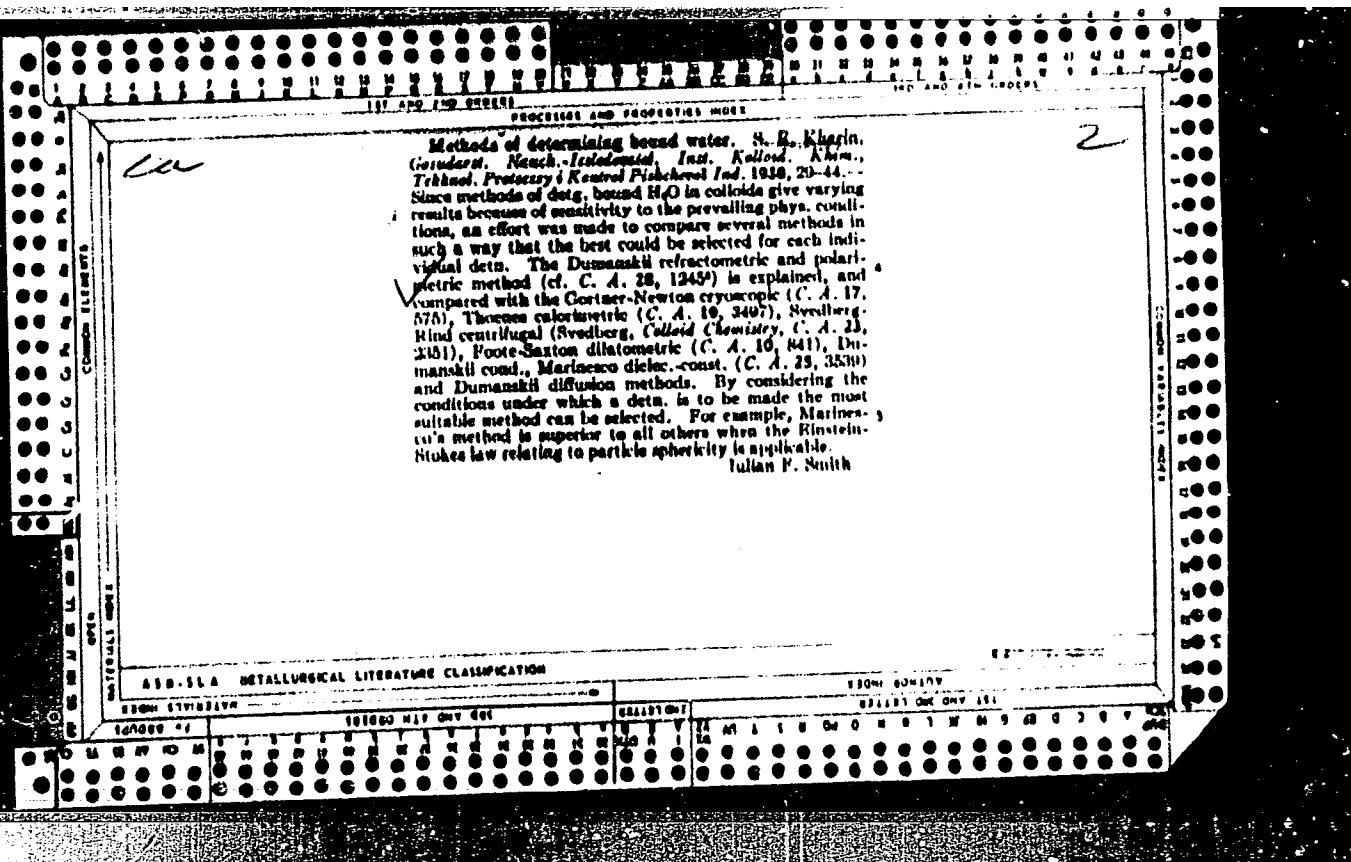
Application of nephelometry for semidisperse analysis
S. R. Kheria and L. G. Smirnov. Colloid J. (U.S.
S. R.) 2, 343-8(1930). - The nephelometric method for
the analysis of suspensions of gum mastic, waxes and clays
is quicker and more accurate than other methods for determining
particle size.

F. H. Rathmann



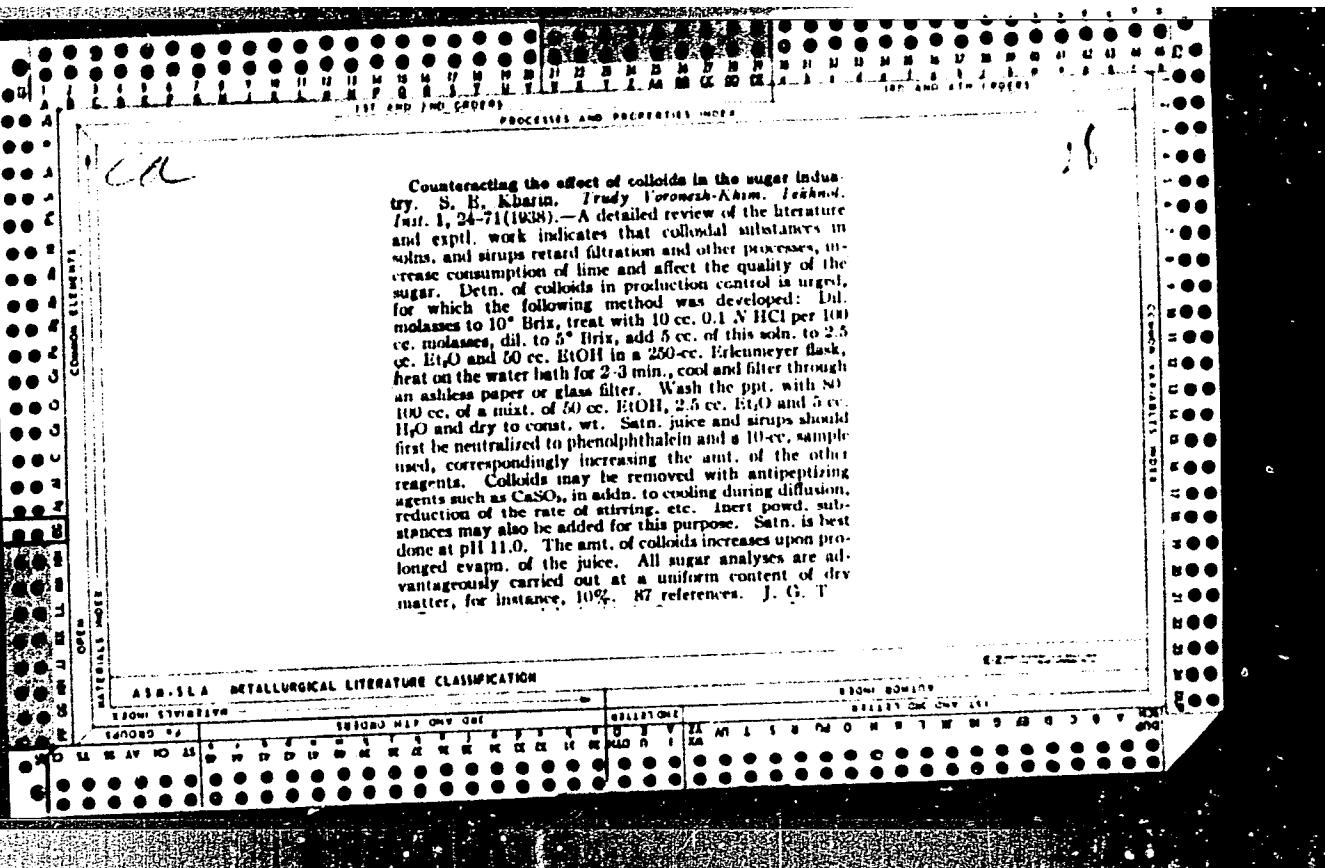


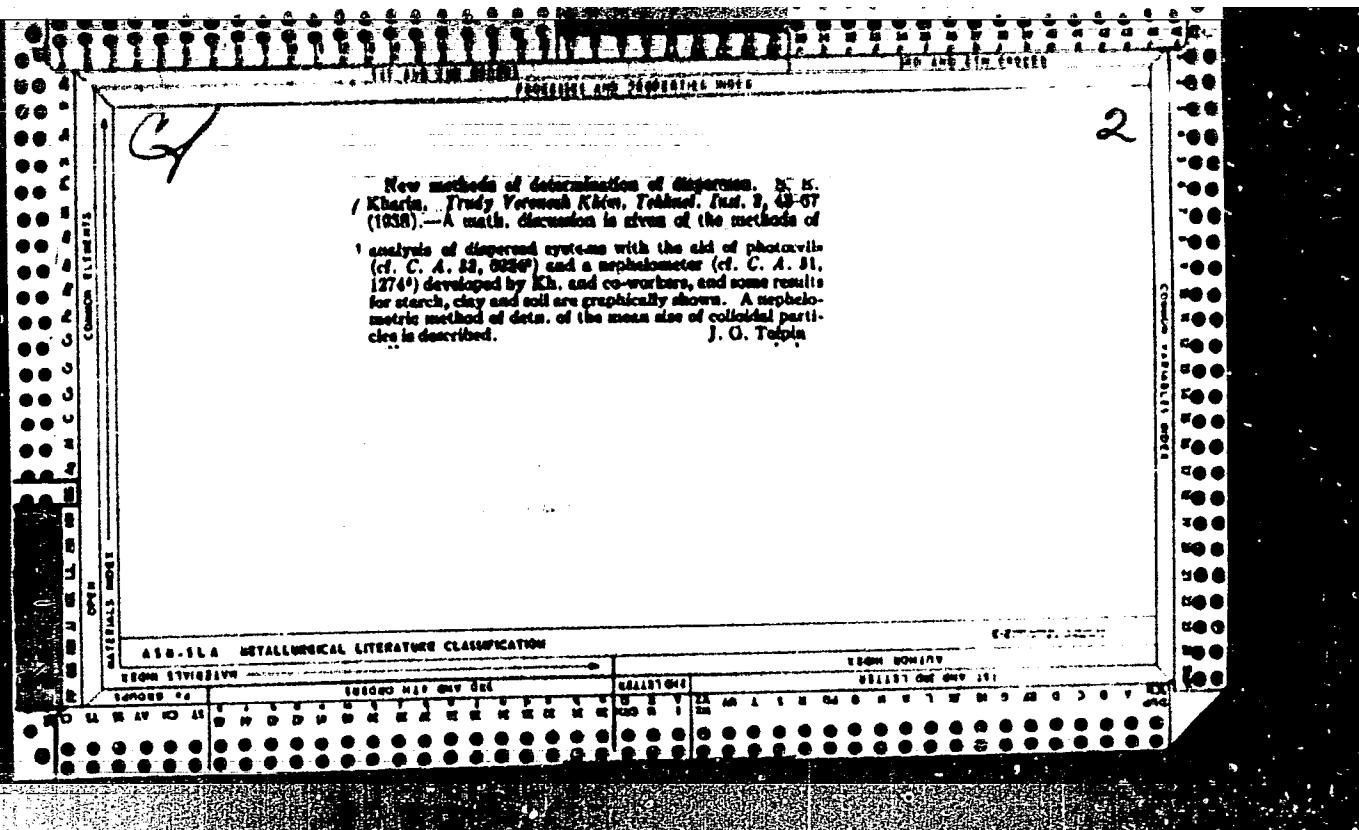


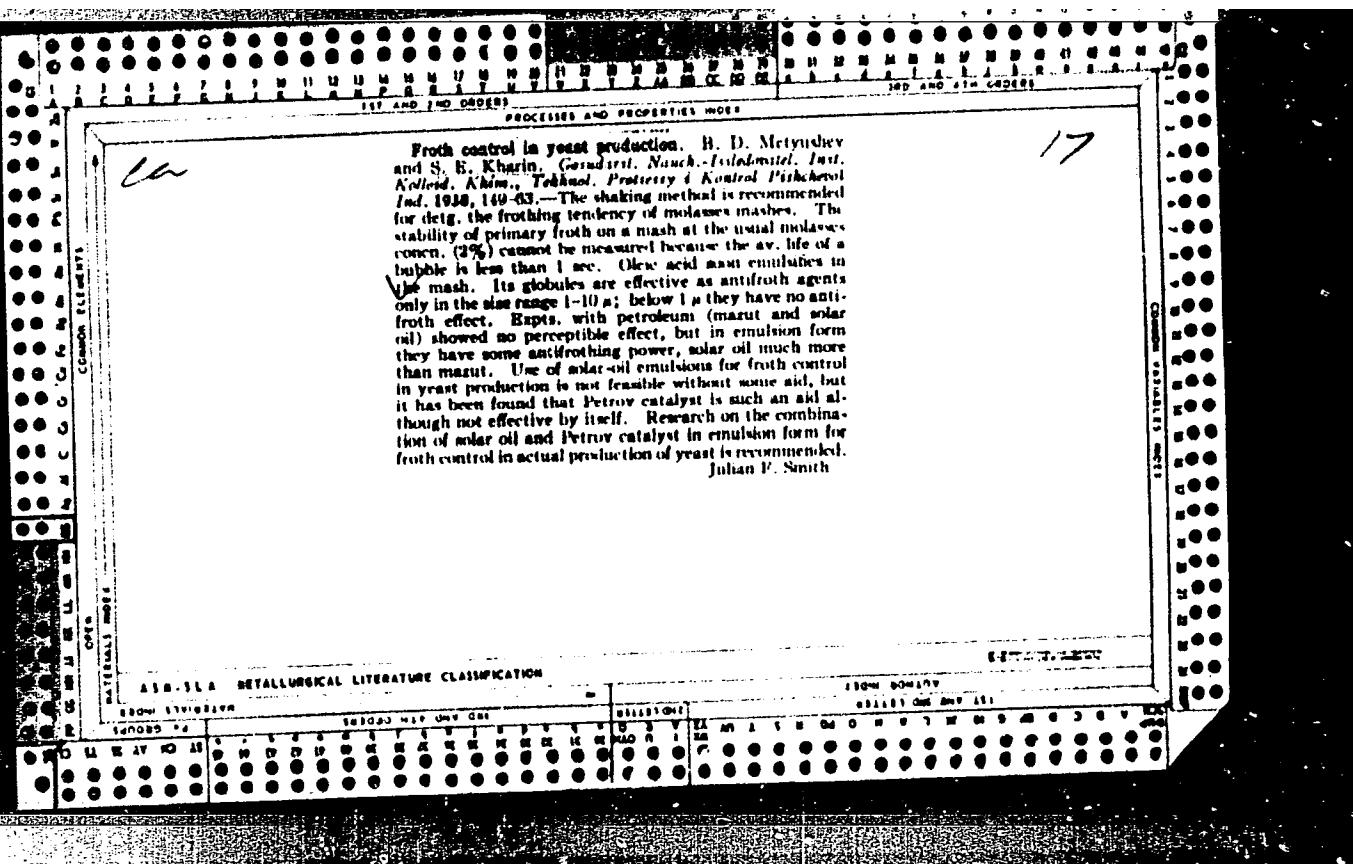


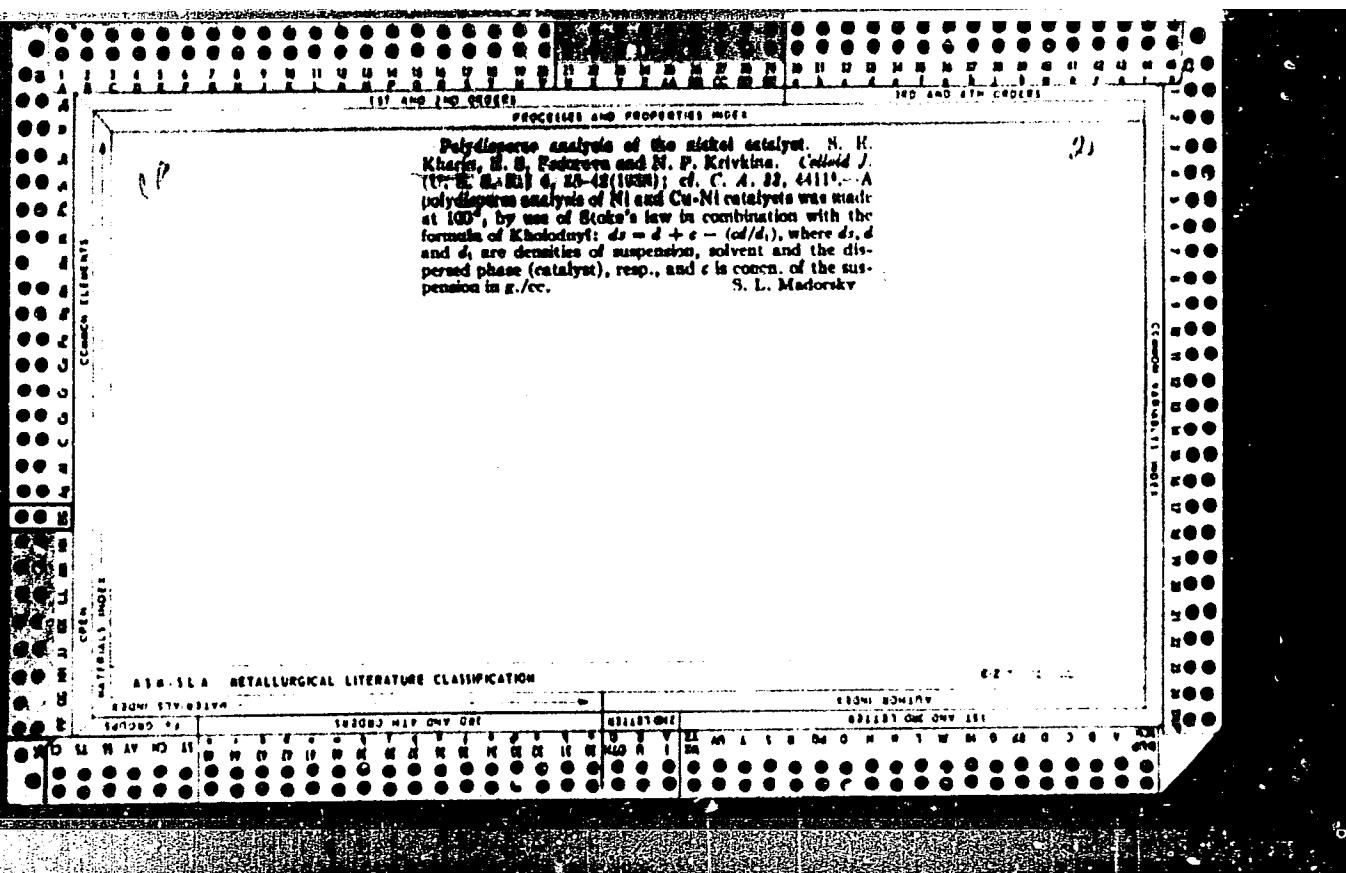
Colloids in sugar manufacture, and means for combating them. S. E. Kharin. *Gandurt, Nauk.-Tekhn. dokl., Inst. Kolloid. Khim., Tekhn. Protsessov i Kataliz. Pishchev. Ind.* 1938, 28 (1). The colloid index of beet products is defined as the colloid content in g. per 100 g. sugar in the product. Its values for 4 varieties of beets were 2.82, 2.84, 3.08 and 3.72. In diffusion the colloid content of the juice is lowest when the diffusion temp. is 80°, rising steadily as the temp. rises to 100°. In addn. to other expedients for avoiding the harmful effects of colloids, use of "antipeptizers" such as CaSO_4 is helpful. For colloid-chem. reasons the preferred pH during defecation and satn. is about 11.0, with continuous introduction of juice and CO_2 . The colloid content of

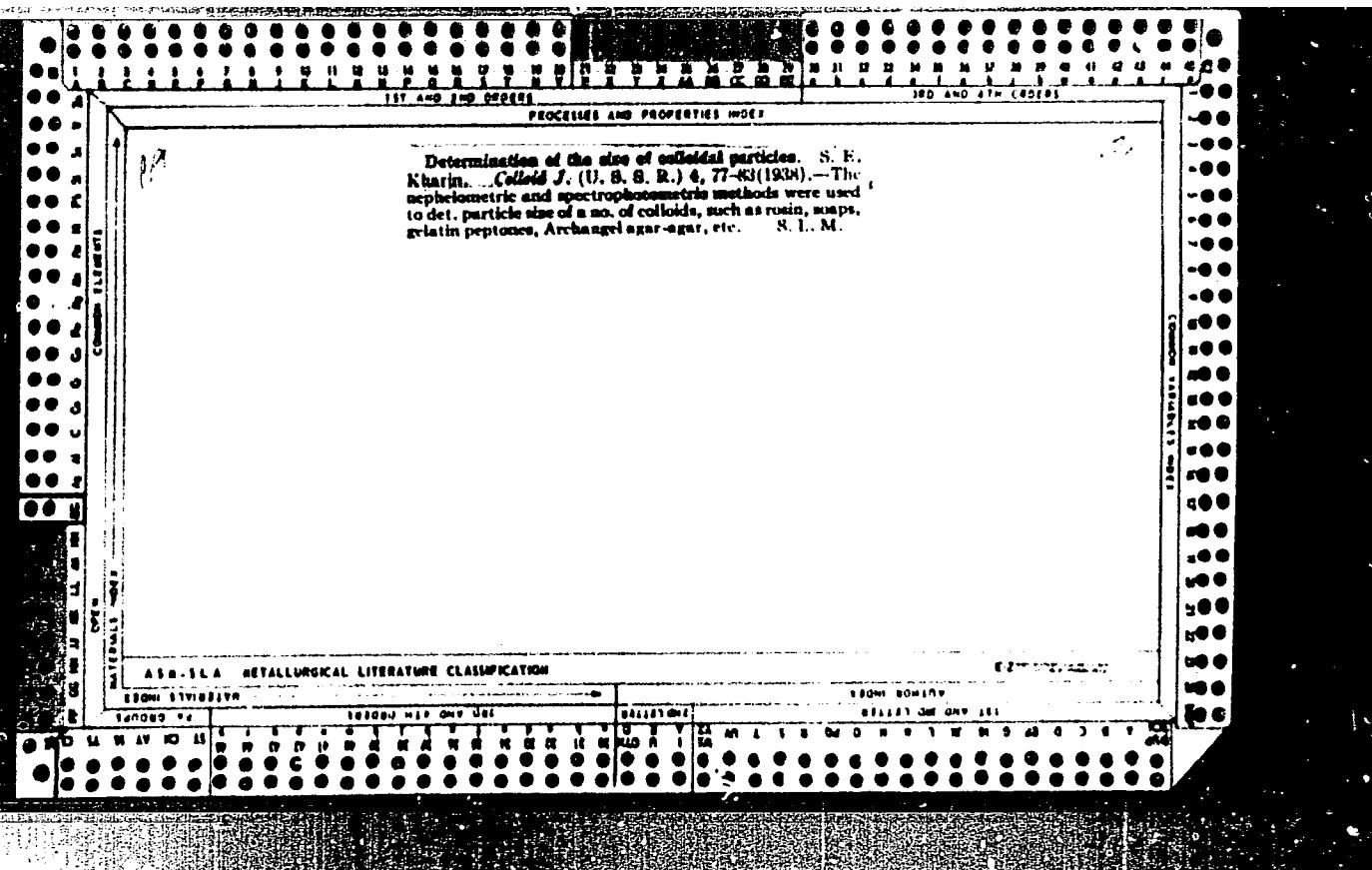
the juice is increased by prolonged evapn. To improve the yield and crystn. behavior of beet sugar the syrup should be purified again, to remove small amounts of impurities introduced by satg. and sulfiting. Several methods for detg. colloids are compared, and it is recommended that the detn. should be given an appropriate place in routine analysis. Bibliography (54 references). Julian F. Smith











(1)

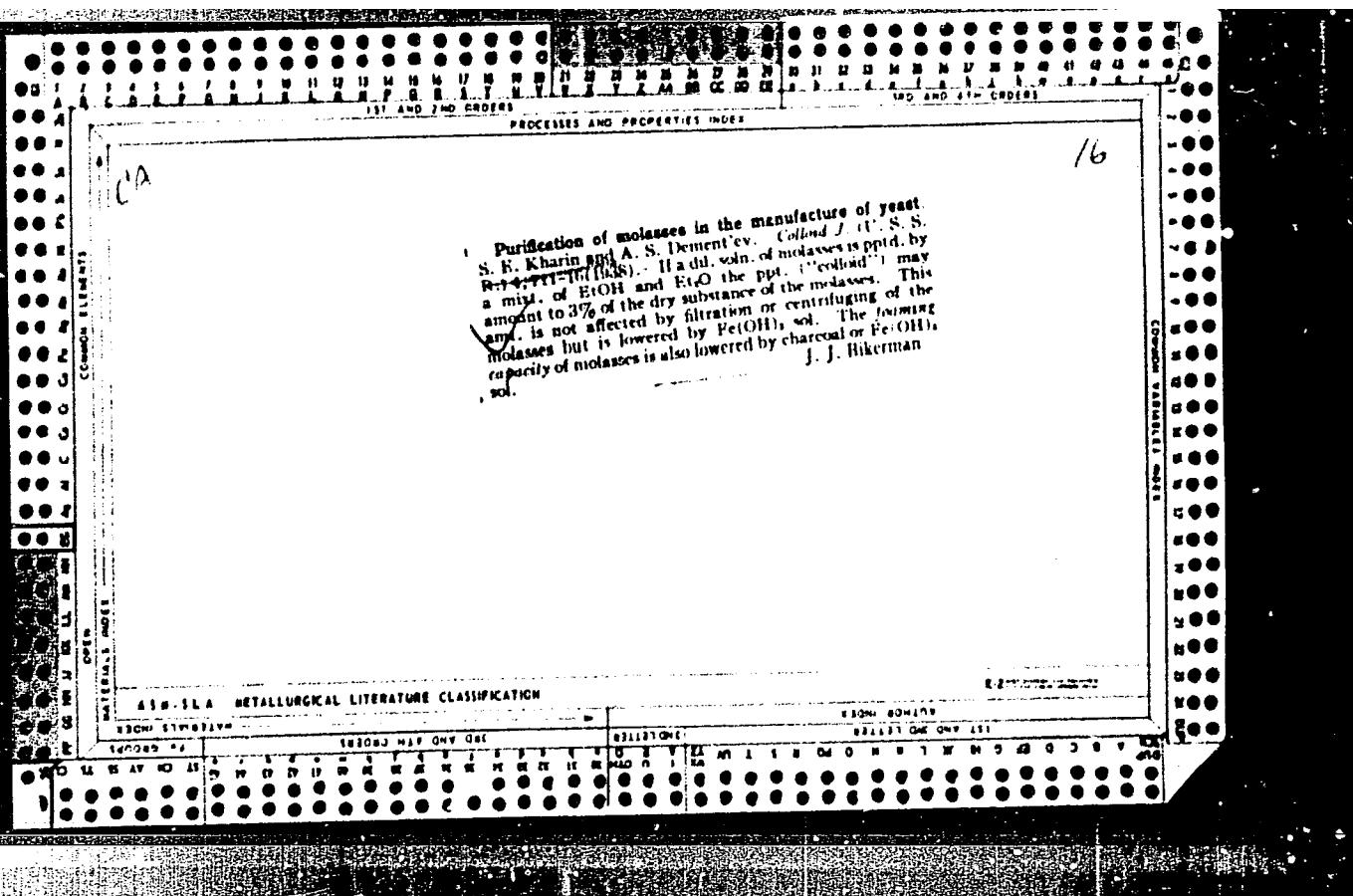
28

Determination of sugar and colloids in the products of the sugar industry. A. V. Dumanik and S. N. Kharin. *Colloid J.* (U. S. S. R.) 4, 455 (1934).—Polarimetric detn. of sugar in beetroot juice, etc., must be corrected for the vol. of the ppt. produced by lead acetate. The correction is calc'd. by comparing the apparent sugar contents (detd. iodometrically) in undil. and double dilut.

juice. For detn. of colloids the juice is dilut. to 12% solid content and its ρ_h is adjusted to 4.2-5.0; 5 cc. of the soln. is pptd. by 30-40 cc. of 90% alc. and kept for 20 min. on a water bath under a reflux condenser. The ppt. is weighed. Similar recipes are given for satn. juice, etc.

I. I. Bikerman

ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION



*Ca**28*

Determination of colloids and sugar in products of the sugar industry. S. E. Kharin, M. V. Azhorskaya, E. S. Fedorova and E. I. Zheltukhina. *Colloid J.* (U. S. S. R.) 5, 20-43 (1939); cf. *C. A.* 29, 6478. When the sugar content is detd. polarimetrically the vol. of the ppt. produced by lead acetate must be taken into account; this correction lowers the sugar content in normal juice by approx. 3%, in diffusion juice by 3% and in treacle by 2%. Methods are given for the detn. of "colloids" in sugar juices. 100 cc. of saturation juice is neutralized, mixed with 5 cc. of 0.1 N HCl, and dried, to 10% dry substance, then 5 cc. is pptd. with 80 cc. of EtOH and 2.5 cc. of Et₂O, and the ppt. is weighed. Normal and diffusion juices are pptd. by Ba(OH)₂ alone at pH 4.2-5.0.

Detn. of the "colloid" contents at various stages of the production constitutes a useful check on the efficiency of plant operations.
J. J. Bikerman

ASH-SEA METALLURGICAL LITERATURE CLASSIFICATION

CLASS NUMBER

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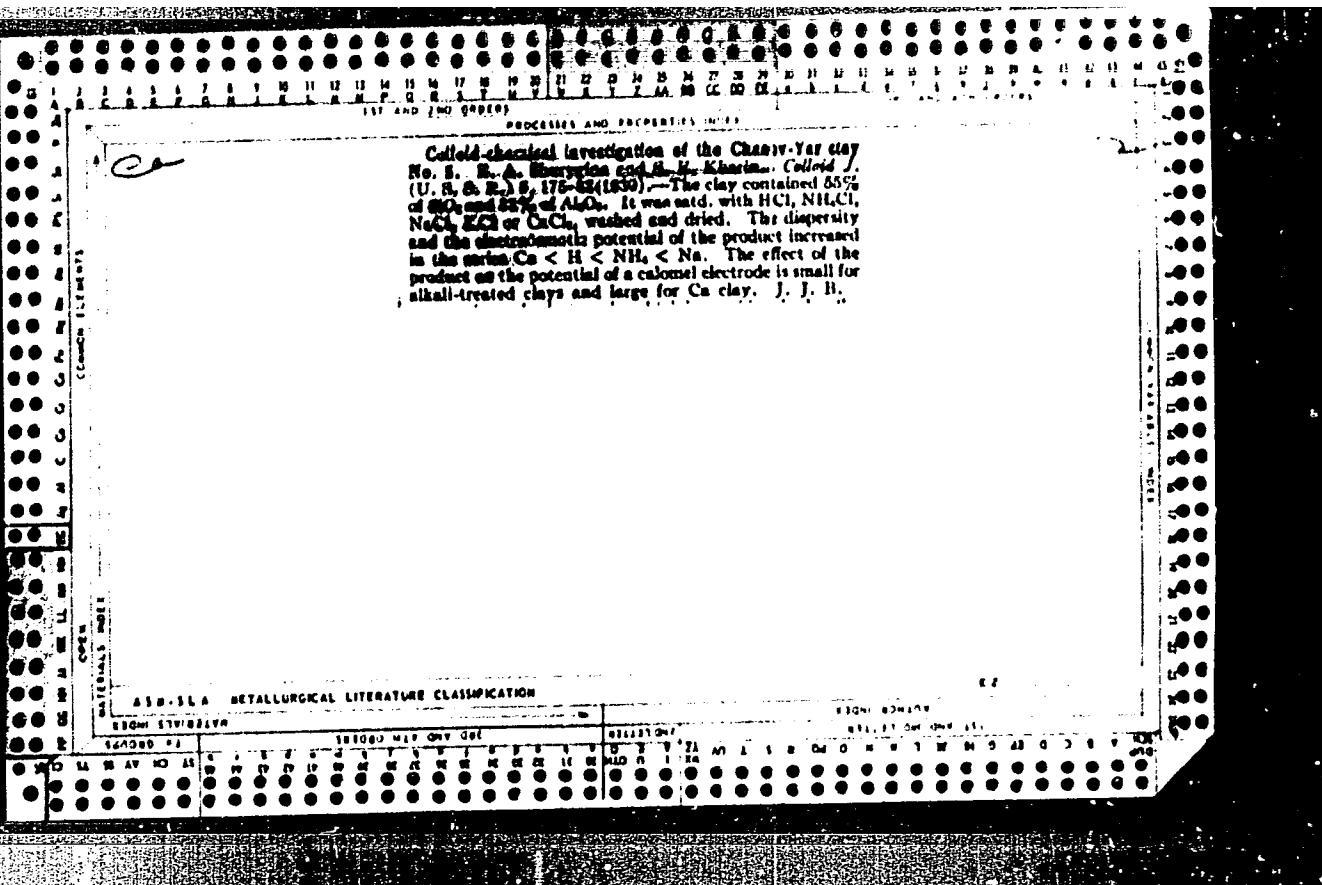
Determination of sugar in products of the sugar industry. S. B. Kharin and M. V. Azburinskaya. *Trudy Voronezh-Khim-Tekhnol. Inst.* 3-4, 73-8 (1930); cf. C. A. 33, 6889. Data for beet juice and molasses from different plants are cited showing that incorrect data in sugar analysis are due to leaving out of account the vol. of $\text{Hg}(\text{CH}_3\text{COO})_2$ added for pptn. of nonsugars, which does not dissolve sugar and reaches 3 cc. for 100 cc. normal juice, 2 cc. for 100 cc. 10% molasses, about 1.5 cc. for a sample of normal sugar beet and around 3 cc. for a double normal sample of filter mud. J. G. Tulpin

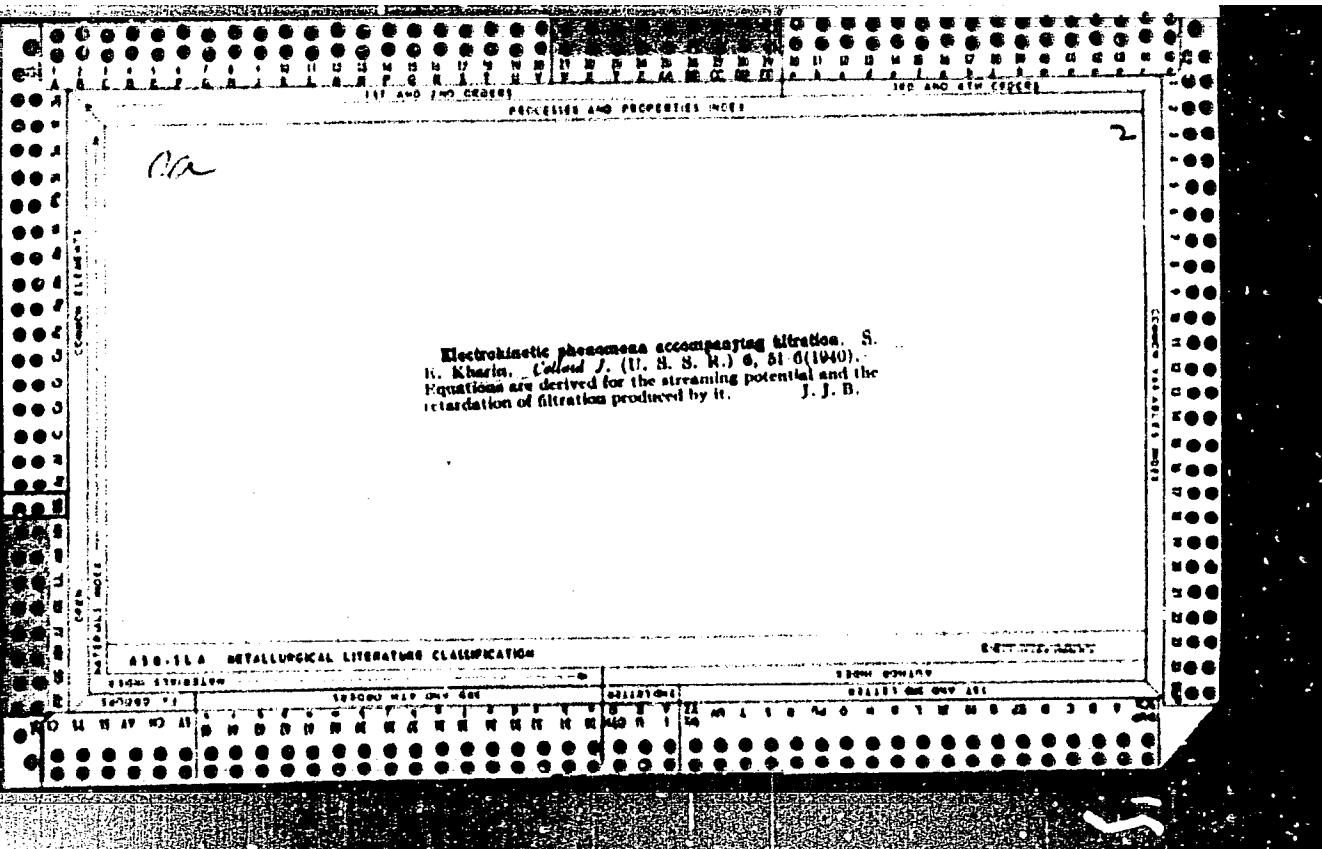
28

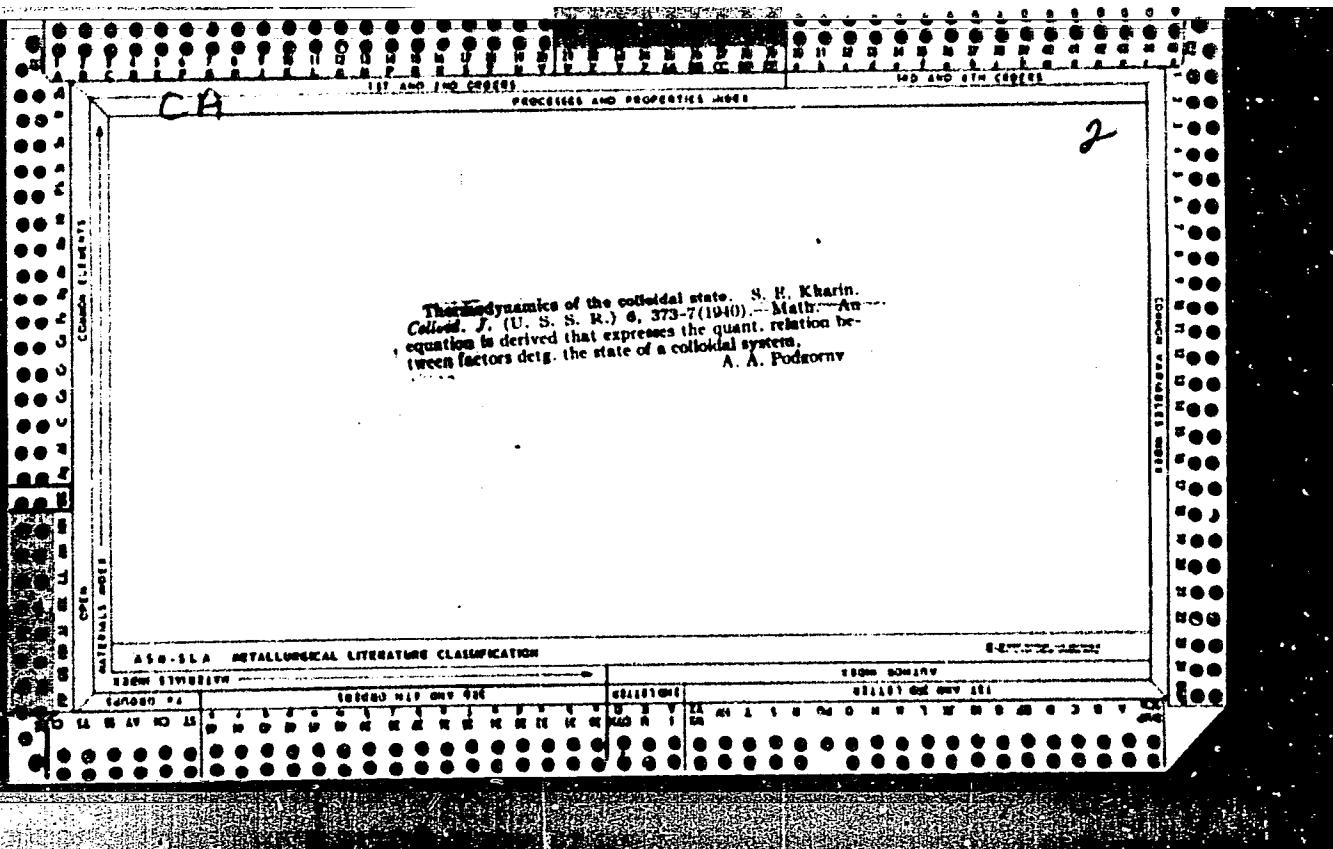
OPEN
MATERIAL INDEX

ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION

E 210 - 100-477







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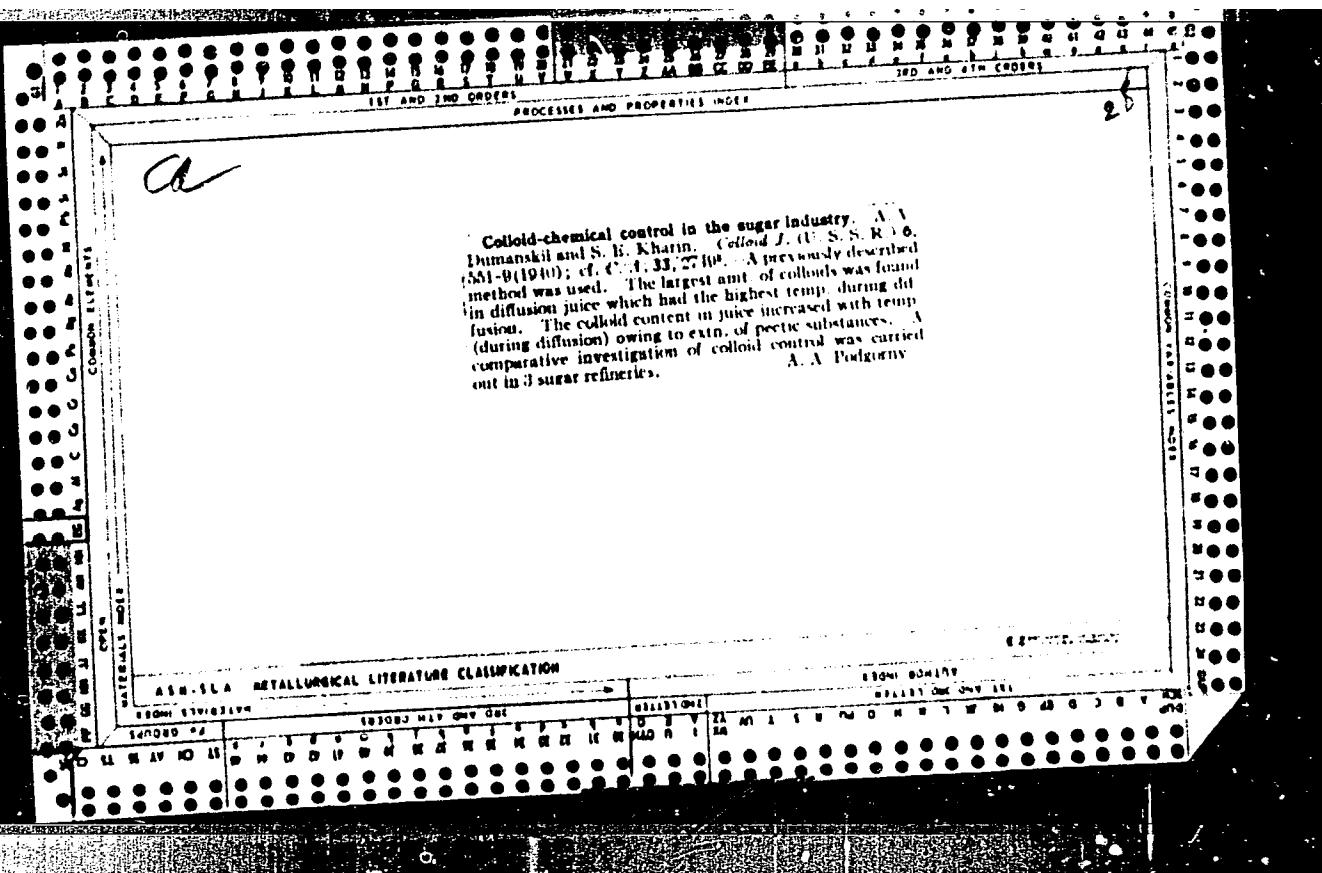
Colloid-chemical factors in filtration. S. R. Kharin, G. M. Popova and M. V. Arburskaya. *Colloid J.* (U. S. S. R.) 6, 425-33 (1940); cf. C. A. 35, 27001. — The higher the electrokinetic potential of the elec. double layer the slower is the flow of an electrolyte through a porous membrane. The rate of flow of solns. of reversible colloids through porous membranes decreases with increasing concn. of colloids more rapidly than the viscosity of soln. increases. The rate of filtration of satd. juices in the sugar refinery depends mainly on the content of colloids. The rate of flow decreases with an increase of concn. of colloids in the satd. and diffusing juices. A. A. P.

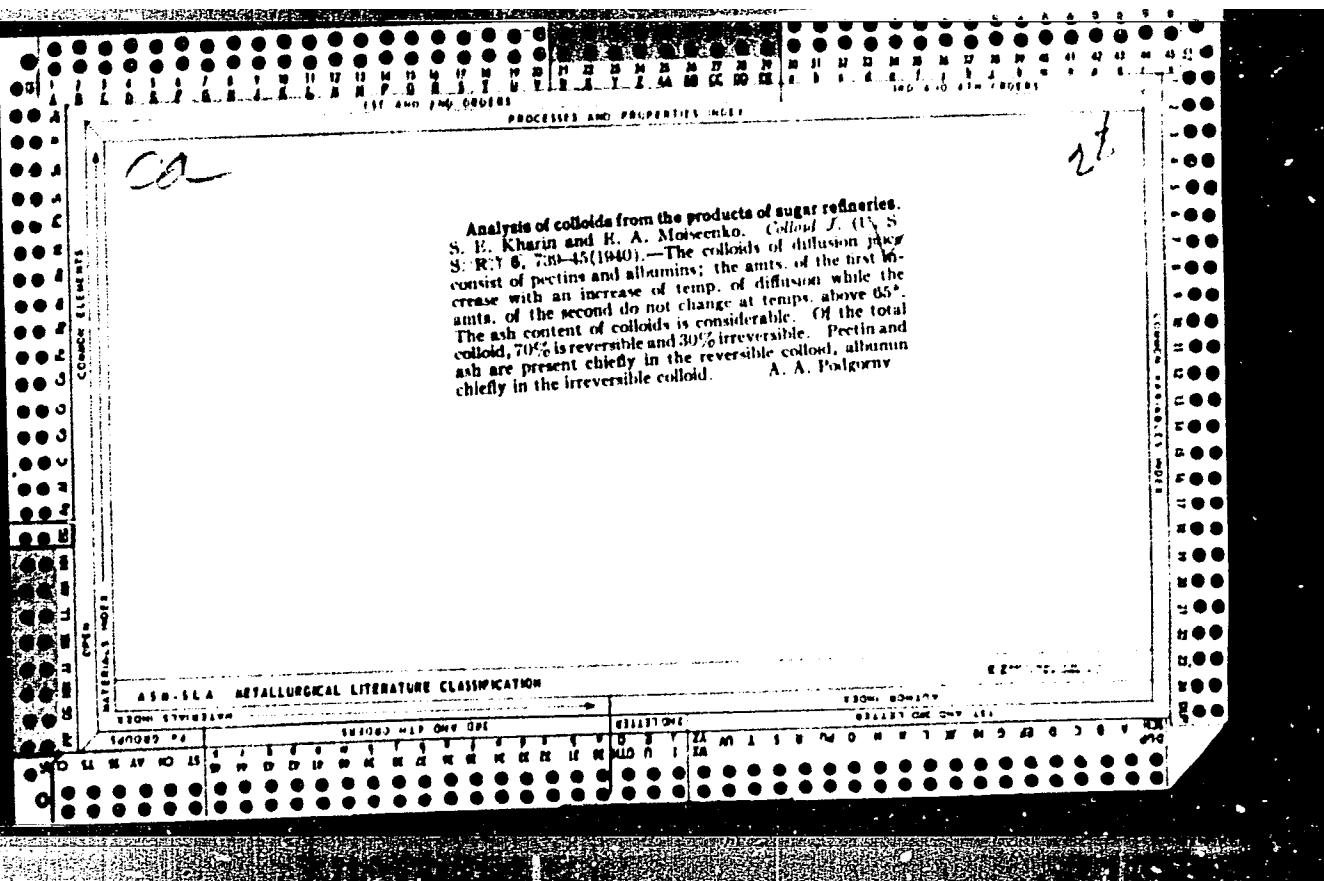
ASB-LSA METALLURGICAL LITERATURE CLASSIFICATION

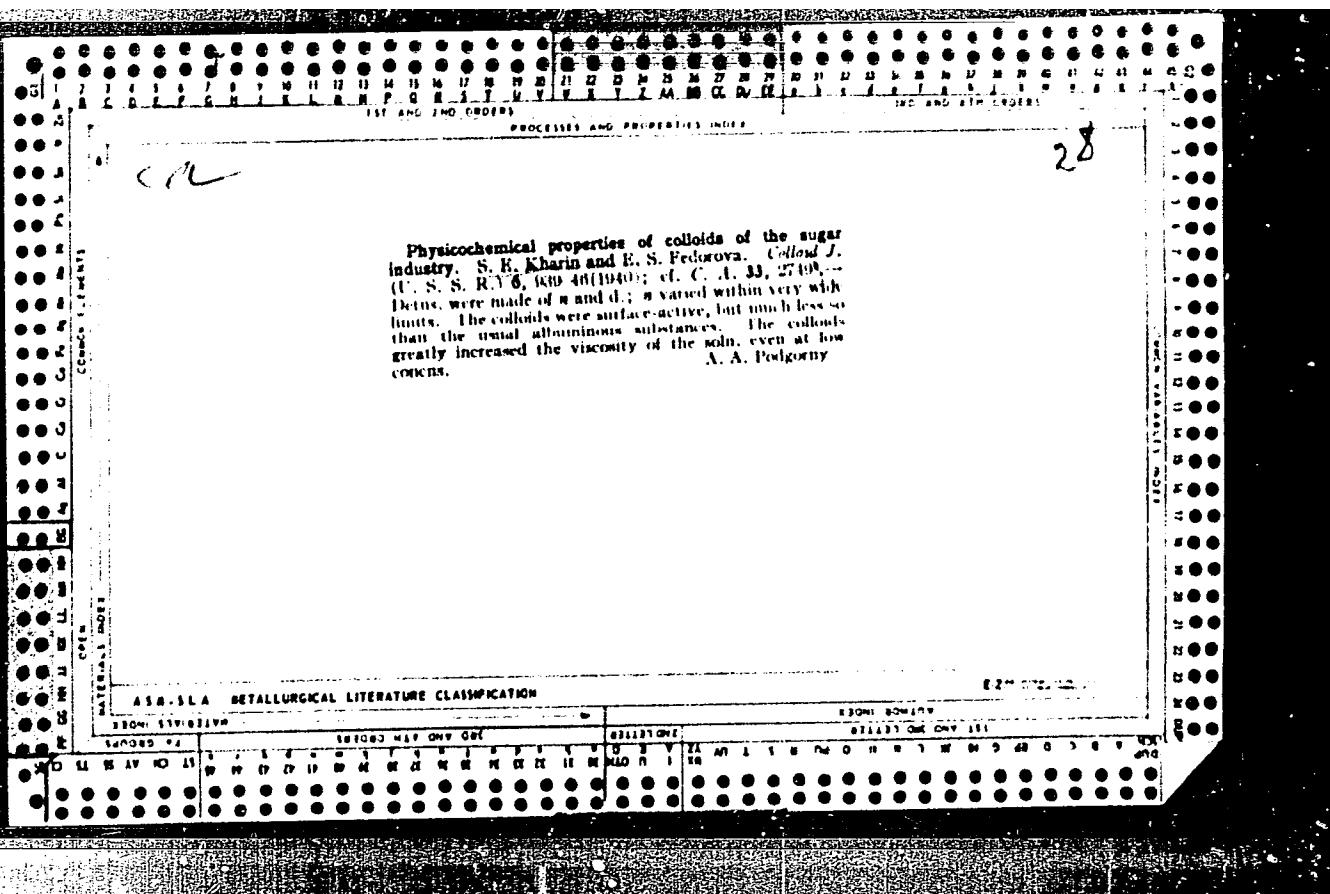
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KHARIN, S. YE.

Kharin, S. Ye. "Colloids in the food industry", Ukr. khim. zhurnal, Vol. XIV, Issue 2, 1949, p. 3-14, - Bibliog: 23 items.

SO: U-4392, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, No 21, 1949).

STABNIKOV, V.N., professor; KHARIN, S.Ye., professor; MASLOVA, Ye.F.,
redaktor; KISINA, Ye.I., tekhnicheskiy redaktor

[Theoretical bases of the distillation and rectification of alcohol;
theory of the operation of distillation apparatus and of thermal
calculations] Teoreticheskie osnovy peregonki i rektifikatsii spirta;
teoriia raboty peregonnykh apparatov i ikh teplovoi raschet. Moskva,
Pishchepromizdat, 1951. 218 p.
(Distillation)

(MLRA 10:1)

Theory of size coordination by
K. Kondo & F. J. M. de Gennes
J. Phys. Chem. Solids 1954
The hydrodynamic equation for stable colloidal suspensions is
obtained as a quotient from kinetic

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Members of the "Gardian" were
in England and Scotland during
the summer of 1953.
They returned by plane to
England in mid-August.
The flight took them through
Paris, Berlin, and Vienna.
They were accompanied by
a number of other members of
the "Gardian".
The flight took them through
Paris, Berlin, and Vienna.
They were accompanied by
a number of other members of
the "Gardian".

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CIA-RDP86-00513R000721810018-3"

KHARIN, S.Ye.; BURLAK, T.A.

Kinetics of the formation of a colloidal resin solution. Ukr.khim.zhmr.
19 no.1:37-46 '53. (MLRA 7:4)

1. Odesskiy institut pishchevoy i kholodil'noy promyshlennosti.
(Gums and resins)

Coagulation of transformer oil suspensions
and L. R. Takking
Chemical Research Department
of transformer oil emulsions
means of a horizontal annular
of the particles involved in the coagulation
from the curve of Smirnov
of particles, a point at which two
tangents drawn to the curve
is the crux of the oil in the
and β is 0.4954 g/cm³ at 15° C.
The rate of coagulation is proportional
from $A = 4\pi \cdot kT = 23.1 \text{ g}^{-1} \text{ cm}^2 \text{ sec}^{-1}$
 $= 4.87 \cdot 30$ and k is Boltzmann's constant
increased rapidly and α increased
and finally was hardly perceptible
several days. The initial rate was
small. No oil was formed during the
coagulation actually in the laboratory
another method must be used
of determining necessary.

KHARIN,S.Ye.

A book on the experience gained in the use of steam reheating.
"Steam reheating in the food industry." V.N.Stabnikov. Reviewed
by S.E.Kharin. Gidroliz. i lesokhim. prom. 8 no.2:31-32 '55.
(MLRA 8:10)

1. Professor Odesskogo tekhnologicheskogo instituta pishchevoy i
kholodil'noy promyshlennosti.
(Steam) (Food industry)

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Knowles of Washington, D.C.
SAC - [REDACTED] CARRIED OUT, DEPARTMENT OF STATE

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CIA-RDP86-00513R000721810018-3"

KHARIN, S.Ye.; TSELINSKAYA, V.I.

Specific gravity and refractive index of a water-alcohol-sugar solution. Izv.vys.ucheb.zav.; pishch.tekh. no.6:137-143 '58. (MIRA 12:5)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti, Kafedra fizicheskoy i kolloidnoy khimii.
(Food-Analysis) (Specific gravity)
(Refractive index)

KHARIN, S.Ye.; BURLAK, T.A.

Equilibrium in a colloidal solution of rosin. Trudy OTIPiKhP 9
no.2:127-133 '59. (MIRA 13:9)
(Gums and resins) (Colloids)

KHARIN, S.Ye.; CHAYKOVSKAYA, I.V.

Effect of the temperature on the rate of the slow coagulation of
colloidal solutions of sulfur. Trudy OTIPiKhP 9 no.2:135-141 '59.
(MIRA 13:9)

(Sulfur) (Colloids)

KHARIN, S.Ye.; TSELINSKAYA, V.I.

Viscosity of water-alcohol-sugar solutions. Izv.vys,ucheb.
zav.; pishch.tekh. no.4:147-154 '59. (MIRA 13;2)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti. Kafedra fizicheskoy i kolloidnoy khimii.
(Wine and wine making)

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CIA-RDP86-00513R000721810018-3

KHARIN, S. Ye.

"On the Example of Colophony Salts and Transformer Oil Emulsions."

report presented at the Section on Colloid Chemistry, VIII Mendeleyev Conference of General and Applied Chemistry, Moscow, 16-23 March 1959.
(Koll. Zhur. v. 21, No. 4, pp. 509-511)

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CIA-RDP86-00513R000721810018-3"

KHARIN, S.Ye.; TSELINSKAYA, V.I.

Surface tension of water - alcohol - sugar solutions. Izv.vys.ucheb.
zav.; pishch.tekh. no.4:148-153 '60. (MIREA 13:11)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy
promyshlennosti. Kafedra fizicheskoy i kolloidnoy khimii.
(Alcohol) (Sugar) (Surface tension)

KHARIN, Sergey Yafeazarovich; BELYASNAYA, A.Ye., red.; YUNOVSKIY, Ye.B.,
tekhn.red.

[Physical chemistry] Fizicheskaya khimiia. Kiev, Izd-vo
Kievskogo univ., 1961. 554 p. (MIRA 14:7)
(Chemistry, Physical and theoretical)

KHARIN, S.Ye.; IVANOV, S.Z.

Complex utilization of agricultural products by the processing
industries. Izv.vys.ucheb.zav.; pishch.tekh. no.4:18-19 '62.
(MIRA 15:11)

1. Voronezhskiy tekhnologicheskiy institut, kafedra fizicheskoy
i kolloidnoy khimii i kafedra tekhnologii sakharistykh veshchestv.
(Food industry--By-products)

KHARIN, S.Ye.; TSELINSKAYA, V.I.

Physiocochannel properties of water-alcohol-sugar solutions.
(MIRA 16:10)
Spirt. prom. 28 no.6:8-11 '62.

1. Voronezhskiy tekhnologicheskiy institut pishchevoy
promyshlennosti.

KHARIN, S.Ye.

Light absorption by reversible colloids in sugar manufacture. Izv.
vys. ucheb. zav.; pishch. tekhn. no.2:40-41 '63.

(MIRA 16:5)

I. Voronezhskiy tekhnologicheskiy institut, kafedra fizicheskoy
i kolloidnoy khimii.
(Colloids) (Sugar manufacture)

KHARIN, S.Ye.; KNIGA, A.A.

Water-sugar solutions. Izv.vys.ucheb.zav.; pishch.tekh. no.5:47-51
'63. (MIRA 16:12)

1. Voronezhskiy tekhnologicheskiy institut, kafedra fizicheskoy
i kolloidnoy khimii.

KHARIN, S. Ye.; PERELYGIN, V. M.

Equilibrium of a water-alcohol-sugar solution with its vapor at
boiling temperature. Izv.vys.ucheb.zav.; pishch.tekh.no. 2:
101-105 '64. (MIRA 17:5)

1. Voronezhskiy tekhnologicheskiy institut, kafedra fizicheskoy
i alloidnoy khimii.

KHARIN, S.Ye.; PIRELYGIN, V.M.

Phase equilibrium vapor-liquid in the system water-ethanol-
acetaldehyde at boiling temperatures under atmospheric
pressure. Izv.vys.ucheb.zav.; khim.i khim.tekh. 8 no.4356.
569 '65. (MIRA 18:11)

1. Voronezhskiy tekhnologicheskiy Institut, kafedra fizicheskoy
kolloidnoy khimii.

L 00732-67 EWT(n)

ACC NR: AP6025695 (A)

SOURCE CODE: UR/0339/66/000/005/0017/0022

AUTHOR: Kharin, S. Ye.; Kolcheva, R. A.

ORG: Voronezh Technological Institute (Voronezhskiy tekhnologicheskiy institut) 32

TITLE: Kinetics of decomposition of sucrose 1 8

SOURCE: Sakharnaya promyshlennost', no. 5, 1966, 17-22

TOPIC TAGS: sucrose, chemical decomposition, chemical kinetics carbohydrate

ABSTRACT: The partial decomposition of sucrose was studied as a function of concentration, active acidity, and temperature. Sucrose concentrations of 0.5, 1.0, and 2.0 moles per liter were used, and the pH was varied from 3.0 to 12.0. It was found that the decomposition of sucrose in acidic and alkaline media at 70-90°C is chiefly affected by hydrogen and hydroxyl ions. The pH values at which the rate constant of the decomposition reaction and hence the reaction rate are minimum were found for 70, 80, and 90°C. As the temperature rises, pH_{min} decreases. The pH corresponding to the minimum rate constant does not change appreciably with varying sucrose concentration. The activation energy was found to be 24300 cal for 70-80°C and 24080 cal for 80-90°C. Orig. art. has 2 figures, 4 tables, and 13 formulas.

SUB CODE: 07/ SUBM DATE: none/ ORIG REF: 004/ OTH REF: 003

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UDC: 664.1:543/545

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KUZ'MIN, I., starshiy prepodavatel'; KHARIN, V.

Simplifying the apparatus of technical control. Sots.trud 5 no.4:
124-127 Ap '60. (MIRA 13:9)

1. Ural'skiy politekhnicheskiy institut (for Kuz'min). 2. Starshiy
inzhener planovo-ekonomicheskogo upravleniya Sverdlovskogo sovnarkhoza
(for Kharin).

(Sverdlovsk--Efficiency, Industrial)

SMIRNOV, S.; BOGOMAZ, N. (Chelyabinsk); PISKAREV, A.; VASIL'YEV, I.
(Leningrad); KHAREN, V. (Saratov); VOLKOV, A. (Ivanovo)

Exchange of experience. Radio no.1:38 Ja '63. (MIRA 16:1)
(Radio--Equipment and supplies)

ZOTOV, A., inzh.; KHARIN, V., inzh.

OPT-1 device for detecting metal objects. Radio no. 9:45-46
(MIFI 19:1)
3 '69.

KOKOSOV, N.M.; NIKULIN, V.I.; KHARIN, V.I.; KOMAR, I.V., starshiy nauchnyy sotrudnik, otvetstvennyy redaktor; DOLGUSHIN, L.D., starshiy nauchnyy sotrudnik, otvetstvennyy redaktor

[The Khanti-Mansi National Area; a sketch of its natural resources and economy] Khanty-Mansiiskii natsional'nyi okrug; ocherk prirody i khoziaistva. Sverdlovsk, Izd-vo Akademii nauk SSSR, Ural'skii filial 1956. 102 p. (MLRA 9:10)

1. Institut geografii Akademii nauk SSSR (for Komar, Dolgushin)
(Khanti-Mansi National Area--Economic Geography)

L 4124-66 RWT(m)
ACC NR: AP6013729

(A)

SOURCE CODE: UR/0089/66/020/004/0342/0342

AUTHOR: Nefedov, V. N.; Kroshkin, N. I.; Kharin, V. P.; Mel'nikov, A. K.

ORG: none

TITLE: The mean neutron spectra from double or triple U^{235} fission by thermal neutrons

79

SOURCE: Atomnaya energiya, v. 20, no. 4, 1966, 342

TOPIC TAGS: nuclear fission, uranium, neutron spectrum, thermal neutron

ABSTRACT: Using the time-of-flight method (40 cm of distance) the authors measured the spectrum of prompt neutrons during double and triple fission of U^{235} nuclei by thermal neutron (see Fig. 1) from the SM-2 reactor. The uranyl nitrate target was 20 mm in diameter and ~ 2 mg/cm thick. An analysis of the results shows that triple fission is accompanied by $\sim 6.0-6.5$ γ -quanta. The γ -spectrum of the triple fission is somewhat harder than the one from double fission. Orig. art. has: 1 figure.

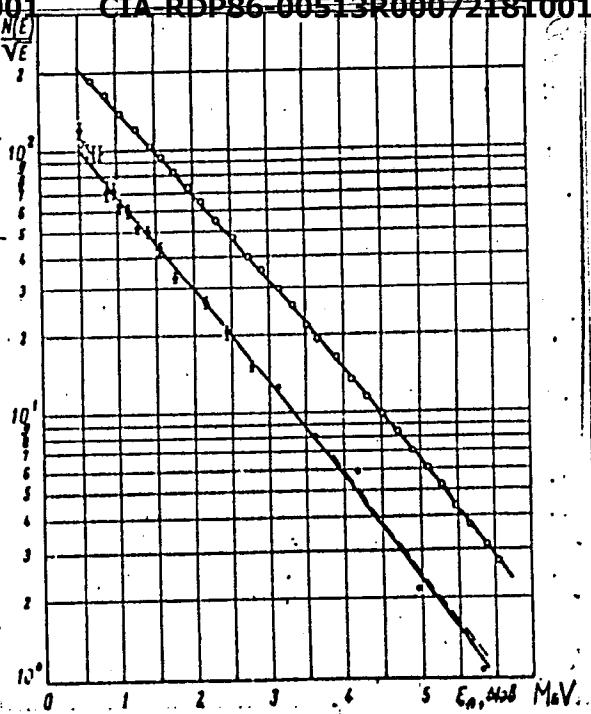
Card 1/2

UDC: 539.173.84.539.121.64

L 4122 APPROVED FOR RELEASE: 09/17/2001
ACC NR: AP6013729

CIA-RDP86-00513R000721810018

Fig. 1 The spectrum of fission neutrons in the laboratory system of coordinates.
 O - double fission; ● - triple fission;
 - - - Maxwell distribution ($T = 1.2$ MeV);
 — Watt's distribution (for double fission $T = 0.965$ MeV, $E_f = 0.533$ MeV, $E = 1.98$ MeV; for triple fission $T = 0.9$ MeV, $E_f = 0.5$ MeV, $E = 1.8$ MeV).



SUB CODE: 18/ SUBM DATE: 07Dec65/ ORIG REF: 001/ OTH REF: 000

L 38487-66	EWT(m)/EWP(w)/EWP(v)/T/EWP(t)/ETI/EWP(k)	IJP(c)	JD/HM/HN
ACC NR: AP6019430	SOURCE CODE: UR/0135/66/000/006/0028/0031		
AUTHOR: Vivilsik, S. N. (Engineer); Nikolayenko, M. R.; (Engineer); Kharin, V. P. (Engineer)		40 31 B	
ORG: Podol'sk Plant im. S. Ordzhonikidze (Podol'skiy zavod)			
TITLE: Automatic welding of tubes made of Kh5M-U steel			
SOURCE: Svarochnoye proizvodstvo, no. 6, 1966, 28-31			
TOPIC TAGS: automatic welding, low alloy steel, metal tube, arc welding/ Kh5M-U low alloy steel			
ABSTRACT: Steel Kh5M-U is a moderately alloyed steel of the martensite class. The article describes experiments on the argon arc welding of Kh5M steel under a low silicon manganese flux Z10-F-2 (type AN-22) instead of the recommended flux AN-15. The samples were preheated in a special burner operating on natural gas. The shielding gas was pure argon. The welding rod was type V1-10, with a diameter of 3 mm. The samples were tubes of Kh5M-U steel 219 x 18 mm, normalized at a temperature of 990-1020°C with subsequent annealing at 700-730°C. The welding was done with a type Sv-10Kh5M rod, with both Z10-F-2 and AN-15 fluxes. The chemical composition of the basic and the melted metal is given in one table, and its mechanical properties in another table.			
Card 1/2	UDC: 621.791.75-52:62-462:669.15-194		

L 38487-66	ACC NR: AP6019430	APPROVED FOR RELEASE: 09/17/2001	CIA-RDP86-00513R000721810018
Heat treatment of the welded joints was carried out under the following conditions: heating to 710-730°C, holding for 2 hours, cooling in the furnace to 300°C, then in air. Results are presented in a series of figures. Orig. art. has: 5 figures and 2 tables.			
SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 004			
pb			
Card 2/2			

KHARIN, V.S., fel'dsher

First aid kit. Fel'd i akush. 23 no.5:52-53 Ky'58 (MIRA 11:6)

1. Zaveduyushchiy zheleznodorozhnym meditsinskim punktom,
Stantsiya Katran Luganskoy oblasti.
(FIRST AID IN ILLNESS AND INJURY)

KHARIN, V.S., fel'dsher (stantsiya Iantratovo Luganskoy oblasti)

Record keeping at the feldsher-midwife center. Fel'd i akush. 24
no.2:44 Fe '59. (MIRA 12:3)

(DISEASES--REPORTING)
(IANTRATOVO(LUGANSK PROVINCE)--MEDICAL RECORDS)

KHARIN, V.S., fel'dsher (stantsiya Lantratovka Luganskoy oblasti)

Close connection with the sanitation group. Fel'd. i akush. no. 9:
51-52 S '60.
(MIRA 13:9)
(LUGANSK PROVINCE—PUBLIC HEALTH, RURAL)

GRYAZNOV, V.N.; KHARIN, V.S.

Methodology of graphic recording of the retrograde coronary blood flow. Eksper. khir. i anest. 8 no.4:41-42 Jl-Ag '63.
(MIRA 17:5)

1. Kafedra operativnoy khirurgii s topograficheskoy anatomiyey
(zaveduyushchiy-prof. T.F. Larrova) Voronezhskogo meditsinskogo
Instituta.

LAVROVA, T.F.; NOVIKOV, Yu.G.; KHARIN, V.S.; SHAPOVALOV, A.Ye.; KOLOKOLOVA,
E.D.; KHRITININA, K.M.; MINEYEVA, G.T.

Temporary exclusion of the left cardiac ventricle from circulation
in an experiment. Grud. khir. 6 no.5:62-66 S-0 '64.
(MIRA 18:4)

z. Kafedra operativnoy khirurgii s topograficheskoy anatomiyey
(zav. .. prof. T.F. Lavrova), tsentral'naya nauchno-issledovatel's-
tsevskaya laboratoriya i kafedra biokhimii (zav. .. dotsent K.M.
Khratinina) Voronezhskogo meditsinskogo instituta.

KHARIN, V.T. (Moskva)

Bubnov-Galerkin's method for calculating eigenvalues and its
use in the theory of hydrodynamic stability. Prikl. mat. i
mekh. 29 no.6:1111-1115 N-D '65. (MIRA 19:2)

1. Submitted May 5, 1965.

KHARIN, V.T.

Approximate method for solving boundary value problems for linear
equations with analytic coefficients. Dokl. AN SSSR 158 no.5:1044-
1047 O '64. (MIRA 17:10)

1. Nauchno-issledovatel'skiy institut mekhaniki Moskovskogo gosudarstvennogo universiteta im. Lomonosova. Predstavлено академиком G.I. Petrovym.

69304

S/179/60/000/01/029/034
E191/E581

104000

AUTHOR: Kharin, V.T. (Moscow)

TITLE: On the Rolling-Up of Vortex Sheets in an Ideal Fluid

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Mekhanika i mashinostroyeniye, 1960, Nr 1,
pp 179-181 (USSR)

ABSTRACT: In a large range of Reynolds numbers (from 40 units to 1 million) the vortex wake behind a cylinder is a staggered pair of vortex sheets, constituting a vortex street. Its formation takes place a little way downstream of the cylinder. An attempt is made to show analytically the possibility of such rolling-up in an ideal fluid. The effect of viscosity is taken into account only insofar as the presence of infinitely thin vortex sheets (surfaces of discontinuity of the tangential velocity components) is assumed. The diffusion of vorticity is ignored. The substantially non-linear process of growth and deformation of small disturbances superimposed on the

Card 1/3

69304

S/179/60/000/01/029/034
E191/E581

On the Rolling-Up of Vortex Sheets in an Ideal Fluid

vortex sheets is examined making use of the methods of Rosenhead, L. ("The Formation of Vortices from a Surface of Discontinuity", Proc. Roy. Soc. A-134, 1931, pp 170-192). Each vortex sheet is approximated by an infinite line of discreet vortices. Initial disturbances in the form of sinusoidal excitations of equal phase for both sheets are assumed. External mass forces are ignored. The complex potential of the flow induced by the system so defined is derived and a system of n equations is obtained for the velocities, where n is the ratio of the wavelength of the sinusoidal disturbance to the distance between the discreet vortices. These equations constitute a Cauchy problem which was solved by electronic digital computer. A rolling-up process of the vortex sheets into an anti-symmetrical twin vortex street is obtained. Different ratios of the width of the vortex street to the wavelength

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(X)

69304

S/179/60/000/01/029/034
E191/E581

On the Rolling-Up of Vortex Sheets in an Ideal Fluid

of the disturbance were examined showing this to be an important parameter. The Struhal number of the deduced vortex street is computed. There are 2 figures and 4 references, 3 of which are Soviet and 1 English.

SUBMITTED: October 15, 1959

(X)

KHARIN, V.T.

Estimating the accuracy of approximate eigenvalues and eigenvectors.
Dokl. AN SSSR 150 no.5:1001-1004 Je '63. (MIRA 16:8)

1. Nauchno-issledovatel'skiy institut mekhaniki Moskovskogo
gosudarstvennogo universiteta im. M.V.Lomonosova. Predstavleno
akademikom G.I.Petrovym.
(Eigenvectors) (Eigenvalues)

KHARIN, V.T.

Stability of vortex-free flows of an incompressible liquid.
Vest. Mosk. un. Ser. 1: Mat., mekh. 21 no.1:125-126 Ja-F '66.
(MIRA 19:1)

1. Kafedra aeromekhaniki i gazovoy dinamiki Moskovskogo gosudarst-
vennogo universiteta. Submitted December 18, 1964.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810018-3

approximate method, numerical method, differential equation

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810018-3"

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810018-3

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810018-3"

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810018-3

matrix characteristic values (characteristic Values of system (3))

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810018-3"

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810018-3

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810018-3"

KHARIN, V.Yu.

Surgical treatment of pancreatic cysts. Khirurgiia 35 no.12:
44-49 D '59. (MIRA 13:6)

1. Iz onkologicheskogo otdeleniya (sav. V.Yu.Kharin) Kostromskoy oblastnoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach RSPSR M.V. Shchekunov, nauchnyy konsul'tant - prof. V.A. Ivanov).

(PANCREAS diseases)

KHARIN, V.Yu. (Moskva)

Primary surgical treatment under out-patient conditions. Fel'd.
i akush. 26 no.6:16-22 Je '61. (MIRA 14:7)
(SURGERY)

KHARIN, V.Yu.

Neurinoma of the stomach. Khirurgiia 37 no.2:124-125 F '61.
(MIRA 14:1)
1. Iz Kostromskoy oblastnoy bol'nitsy (glavnnyy vrach - zaslu-
zhennyy vrach RSFSR M.V. Shchekunov).
(STOMACH--TUMORS)

KHARIN, V.Yu; DOBROVA, N.B.; TSUKERMAN, G.I.

Topographo-anatomic evaluation of open accesses to the mitral,
aortal and tricuspid valves. Grud. khir. 5 no.2:3-12 Mr-Ap'63
(MIRA 17:2)

1. Iz Instituta serdechno-sosudistoy khirurgii (direktor - prof.
S.A. Kolesnikov; nauchnyy rukovoditel' - akademik A.N. Bakulev)
AMN SSSR. Adres avtorov: Moskva, V-49 Leninskiy prosp., d.8.
Institut serdechno-sosudistoy khirurgii AMN SSSR.

KOLESNIKOV, S.A.; TSUKERMAN, G.I.; KOLESNIKOVA, N.I.; KHARIN, V.Yu.

Open-heart surgical treatment of mitral valve defects with
artificial blood circulation; review of foreign literature.
Grudn. khir. 5 no. 4:108-114 Jl-Ag '63. (MIRA 17:1)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof.
S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N.Bakulev)
AMN SSSR. Adres avtorov: Moskva V-49, Leninskiy prospekt, d. 8.
Institut serdechno-sosudistoy khirurgii AMN SSSR.

GOLIKOV, G.T.; KHARIN, V.Yu.

Comparative evaluation of different incisions of the aorta in
open interventions on the aortic valve; experimental study.
Grud. khir. 5 no.6:3-8 N-D'63 (MIRA 17:2)

1. Iz Instituta serdechno-sosudistoy khirurgii (direktor - prof.
S.A. Kolesnikov, nauchnyy rukovoditel' - akad. A.N. Bakulev)
AMN SSSR. Adres avtorov: Moskva, V-49, Leninskiy prosp., d.8.
Institut serdechno-sosudistoy khirurgii AMN SSSR.

KHARIN, V.Yu. (Moskva)

New method of angular sternothoracotomy for open surgery on
the mitral and aortic valves. Eksper. khir. a anest. 8 no.3:
27 My-Je '63 (MIRA 17:1)

GOLUBEV, I.S., kand. med. nauk; RYZHKOV, Ye.V., kand. med. nauk; KHARIN, V.Yu.,
kand. med. nauk

Arteriovenous aneurysm of the lung. Sov. med. 27 no.3:28-32 Mr '64.
(MIRA 17:11)

1. Institut serdechno-sosudistoy khirurgii (dir. - prof. S.A. Kolesnikov,
nauchnyy rukovoditel' - akademik A.N. Bakulev) AMN SSSR.

KOLESNIKOV, S.A.; TSUKERMAN, G.I.; DOBROVA, N.B.; KHARIN, V.Yu.; KUZ'MINA, N.B.;
SMUROVA, Ye.V.

Complete prosthesis of the mitral valve. Grud. khir. 6 no.4:16-20
Jl..Ag '64. (MIRA 18.4)

1. Institut serdechno-sosudistoy khirurgii (dir. - prof. S.A.
Kolesnikov, nauchnyy rukovoditel' - akademik A.N.Bakulev)
AMN SSSR. Moskva. Adres avtorev: Moskva, V-49, Leninskiy prospekt,
d. 8, Institut serdechno-sosudistoy khirurgii.

KHYZHEVA, G.D.; MILAYEVA, N.A.; KHARIN, V.Yu.

Intravital fluoresceining as a method of detection of air embolism of the brain during experimental heart surgery with artificial circulation. Eksper. Khir. i anest. 9 no.3:20-23
(MIRA 12:3)
My-Je '64.

1. Laboratoriya patomorfologii (zav. - prof. Ya.I. Rappoport)
i otdeleniya priobretennykh porokov serdtza (zav. - prof. S.A.
Kolesnikov) Instituta serdechno-sogudistoy khirurgii AMN SSSR,
Moskva.

KOSYGIN, Yu.A.; VAN'YAN, A.L.; SOLOV'YEV, V.A.; KHARIN, Ye.P.

Recent data on the deep-seated structure of the Lake Baikal region.
Dokl. AN SSSR 151 no.5:1162-1163 Ag '63. (MIRA 16:9)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
2. Chlen-korrespondent AN SSSR (for Kosygin).
(Baikal Lake region--Electromagnetic prospecting)

L 4293-66 ENT(1)/FCC GW

ACCESSION NR: AP5024213

UR/0020/65/164/003/0559/0562

AUTHORS: Fotiadi, E. E. (Corresponding member AN SSSR); Van'yan, L. L.; Kharin, Ye. P.

TITLE: Deep magnetic-variation sounding in south-central Siberia and in Transbaikal

48

45

B

SOURCE: AN SSSR. Doklady, v. 164, no. 3, 1965, 559-562

TOPIC TAGS: geomagnetic field, specific resistance, earth crust, rock

ABSTRACT: Analysis has shown that by using a type of magnetic variation it is possible to determine local changes in resistivity with depth. This is the essence of magnetic-variation sounding. Magnetic variations with periods of 0.5 to 4 hours (so-called "bays") appear at distances of $y \geq 1500-2000$ km from the quasilinear polar current flowing near 70° N. Lat. This current is the source of the magnetic field. Work at the Institut geologii i geofiziki (Institute of Geology and Geophysics) during 1962-63 on the Siberian platform of south-central Siberia and in Transbaikal revealed a number of these "bays," systematically distributed. Although the conductance of the sedimentary sequence changed from almost zero to 500-600 mhos, this had no appreciable effect on the intensity or

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100-10247

ACCESSION NR: AP5024213

form of geomagnetic variation, in the region northwest of Lake Baikal, but toward the southwest it contributed as much as 50% of the variation. Apparent resistivity for this region was found to decrease with increase in period (within the range from 0.5 to 3 hours); i.e., the resistivity decreased with increase in depth of penetration of the field. Two types of curves were obtained: one with high apparent resistivity northwest of the Baikal basin, and another with low apparent resistivity southeast of the basin. This indicates increased geothermal activity of the upper mantle in the folded Baikal and Transbaikals regions as compared with the Siberian platform. There is a considerable variation in thickness of the crust in the Baikal region, and a sharp isostatic inequilibrium obtains among individual blocks of the crust, which adjust along deep fractures.
Orig. art. has: 4 figures.

ASSOCIATION: Institut geologii i geofiziki, Sibirs'kogo otdeleniya Akademii nauk SSSR (Institute of Geology and Geophysics, Siberian Branch of the Academy of Sciences, USSR)

SUBMITTED: 20Jan65

ENCL: 00

SUB CODE: ES

W/ REF Sov: 011

OTHER: 006

4-58-5-14/41

AUTHOR: Kharin, Yu., Candidate of Medical Sciences, Senior Therapeutist
of the Moscow City Hospital Nr 15

TITLE: There is Some Truth in it (V etom yest' ratsional'noye
zerno)

PERIODICAL: Znaniye - sila, 1958, Nr 5, p 16 (USSR)

ABSTRACT: The author discusses the effect that yoga has had on the author
of the preceding article, I.Ya. Yevteyev-Vol'skiy, who has
been under his observation for the last 11 years. Considering
his age and the various illnesses from which Vol'skiy had been
suffering, his achievements in improving his health deserve
attention.

1. Physical fitness--Training methods

Card 1/1

RUBINSHTEYN, B.N., professor; RUDNEV, G.P., professor, chlen-korrespondent; KHARIN, Yu.M.; KHASHIMOV, D.; LUKOMSKIY, P.Ye., professor; BILIBIN, A.F., professor; RATNER, S.I., professor.

Modern treatment of dysentery. Terap.arkh. 25 no.2:87-89 Mr-^{Ap} '53.
(MLRA 6:5)
(Dysentery)

Kharin Yu. M.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721810018

Country : USSR

E

Category: Virology. Bacterial Viruses (Phages)

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103503.

Author : Kharin, Yu. M.

Inst : "

Title : Bacteriophage Therapy of Dysentery

Org Pub: Sb. Bakteriofagiya. Tbilisi, Gruzmedgiz, 1957,
285-295

Abstract: Treatment of a group of acute dysentery patients (180 persons) with phage, sulfonamides and antibiotics (syntomycin and levomycin) has shown the comparatively greater effectiveness of phage. Phage therapy is effective on any day of the disease when the body is adequately saturated with phage. -- Ya. I. Rautenshteyn.

Card : 1/1

KHARIONOVSKIY, A.

For the people. Pozh.delo 8 no.1:6-7 Ja '62. (MIRA 15:1)

1. Predsedatel' soveta Dobrovol'nogo pozharnogo obshchestva
Smol'ninskogo rayona, g. Leningrad.
(Leningrad--Fire extinction--Societies)

ZVEREV, A.G.; POPOV, V.F.; FADEYEV, I.I.; BABUSHKIN, V.I.; BERLOVICH, I.L.;
BOCHKO, A.M.; BURLACHENKO, S.Ye.; GARBUZOV, V.F.; DMITRICHEV, P.Ya.;
DUNDUKOV, G.F.; ZLOBIN, I.D.; KOROVUSHKIN, A.K.; KORSHUNOV, A.I.;
KUZIN, M.G.; KUTUZOV, G.A.; LYSKOVICH, A.A.; MASHTAKOV, A.M.;
MIKHAYEV, V.Ye.; NIKEL'BERG, P.M.; POSKONOV, A.A.; ROMANOV, G.V.;
SOSIN, I.F.; SOSNOVSKIY, V.V.; POVOLOTSKIY, M.M.; URYUPIN, F.A.;
KHARIONOVSKIY, A.I.; CHULKOV, N.S.; SHESHERO, N.A.; SHITOV, A.P.;
SHUVALOV, A.M.; YANBUKHTIN, K.Eh.

Arsenii Mikhailovich Safronov; obituary. Fin.SSSR 18 no.11:95
(MIRA 10:12)
N '57.
(Safronov, Arsenii Mikhailovich, 1903-1957)

KHARIJONOVSKIY, P.A.

New ChMP ice-cutting machine. Rech.transp. 18 no.11:43-44 N
'59. (MIRA 13:4)

1. Konstruktor Privodinskoy remontno-ekspluatatsionnoy bazy (REB).
(Ice coring rigs)

FEDOROV, S.F.; DILENT, K.Ye., KHARICHOVSKIY, R.A.

Geological characteristics, and oil and gas potentials of the
Ural Mountain portion of Perm Province. Geol. nefti i gaza
6 no.6:5-11 Je '62. (MIRA 15:6)

1. Institut geologii i razrabotki goryuchikh iskopaemykh
AN SSSR,

(Perm Province--Petroleum geology)
(Perm Province--Gas, Natural--Geology)